



U.S. Department  
of Transportation  
Research and  
Special Programs  
Administration

400 Seventh St., S.W.  
Washington, D.C. 20590

MAY 24 2001

DOT-E 8723  
(NINETEENTH REVISION)

EXPIRATION DATE: March 31, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: DYN0 NOBEL Inc.  
Salt Lake City, Utah

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce in bulk of certain Division 1.5 explosives and/or Division 5.1 oxidizers in the motor vehicles and portable tanks described in paragraph 7. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.101 and 173.62 in that Division 1.5D explosives may not be transported in bulk; § 173.242 in that Division 5.1 liquid oxidizers may not be transported in bulk; and §§ 176.83 and 177.848 in that Division 1.5 and 5.1 materials must be segregated.

5. BASIS: This exemption is based on the application of Dyno Nobel, Inc. dated February 18, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name -- Hazardous materials description	Hazard Class/ Division	Identi- fication Number	Packing Group
Ammonium nitrate-fuel oil mixture <i>containing only prilled ammonium nitrate and fuel oil</i>	1.5D	NA0331	II
Ammonium nitrate, with not more than 0.2 percent of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	UN1942	III
Explosive, blasting, type E or Agent blasting, Type E	1.5D	UN0332	II
Explosive, blasting, type B or Agent blasting, Type E	1.5D	UN0331	II
Oxidizing liquid, n.o.s	5.1	UN3139	II
Oxidizing solid, n.o.s.	5.1	UN1479	III

NOTE: Other blasting explosives and oxidizers must be specifically identified to, and acknowledged in writing, by the Office of Hazardous Materials Exemptions and Approvals (OHMEA) prior to the first shipment.

7. SAFETY CONTROL MEASURES AND PACKAGING: The following packagings are authorized:

- a. Fruehauf Hopper Pressure Bulk Haul Tank Trailer Model HABF2J and HABWIJ.
- b. Ireco Chemical's Bulk Delivery Truck as shown on drawings submitted with application.
- c. The Heil Company's tank trailer serial number 928833 and the Heil bulk units serial numbers 7T00693, 7T00694, 7T00695, 7T01015 and 7T01018 or Heil model numbers DAS 1200, and DAS 1585.
- d. Repump truck as shown on Ireco drawing AYC 266, dated November 1982, AYC 327 dated March 1983.

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e. Portable tank shown on drawing titled EMULSION TOTE BIN submitted with the application dated December 3, 1982 or EMULSION TOTE BIN described on drawing YRDS244 dated September 10, 1996, on file with OHMEA.

f. Fruehauf Corporation's tank trailer Model HAB-F2-K shown on drawings and specifications submitted with Ireco Chemical's application dated May 18, 1983.

g. Olympic Container Corporation's non-pressurized tank containers shown on drawing B-00800 Revision 1 dated May 15, 1986, submitted by Pacco, Inc. The owner's serial numbers must be on file with OHMEA prior to first shipment.

h. Beall Trans-Liner 625 cu. ft. Aluminum Pneumatic Pull Trailer described in Pacco, Inc.'s letter, drawings and specification sheets submitted on March 18, 1987.

i. Butler Manufacturing Company's units identified as models 1025, 1200 and 1500, as shown in Drawing B-910553.

j. Specification IM-102 portable tanks or DOT Specification IM-101 portable tanks equipped with relief devices as specified for IM-102 portable tanks so the effective maximum allowable working pressure of the tanks will not exceed 1.75 bars (25.4 psig).

k. Specification 31A, 31B, 31H1 and 31HA1 intermediate bulk containers.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. The blasting explosives, ammonium nitrate solution or oxidizers may not be stored in the motor vehicle or portable tank longer than that required for shipment. The equipment must be cleaned frequently enough to assure against any accumulation of product in the vehicle or portable tank.

d. Each motor vehicle must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 8723". Each portable tank must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background, "DOT-E 8723".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, cargo vessel, rail freight.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.

b. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accident. A copy of written instructions must be provided to the masters of cargo vessels used to transport bulk blasting explosives, ammonium nitrate solution or oxidizers under this exemption.

c. For transportation by cargo vessel:

(1) The motor vehicles or portable tanks must be stowed "on deck only".

(2) The Division 1.5D explosives or Division 5.1 oxidizers must be segregated from other hazardous materials in accordance with the requirements for Division 1.1D explosives. In addition, the Division 1.5D explosives must be stowed "separate from" non-regulated readily combustible materials, as defined in § 176.83(d).

(3) The motor vehicles or portable tanks must be stowed in a readily accessible location which can be reached by at least two streams of water from separate fire hydrants or if carried on an unmanned barge by an effective stream of water from a vessel alongside.

(4) Before packages covered by this exemption are loaded on or discharged from a vessel at any place in the United States, the carrier must obtain a permit from the Coast Guard Captain of the Port. A current copy of this exemption must be provided to the Captain of the Port when requesting a permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

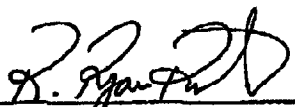
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

  
\_\_\_\_\_  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

\_\_\_\_\_  
MAY 24 2001  
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

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The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: CH/KE/sln

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate.

<b>Company Name City/State</b>	<b>Applica- tion Date</b>	<b>Issue Date</b>	<b>Expiration Date</b>
Alaska-Pacific Powder Company, Olympia, WA	Jun 8, 2001	Jun 18, 2001	Mar 31, 2003
Alpha Dyno Nobel, Inc, dba Alpha Explosives, Lincoln, CA	Jul 8, 2001	Jul 31, 2001	Mar 31, 2003
American West Explosive, Inc. Plymouth, CA	Jun 18, 2001	Jun 28, 2001	Mar 31, 2003
American East Explosives, Inc., Greenfield, MO	Jun 18, 2001	Jun 28, 2001	Mar 31, 2003
Austin Powder Company Cleveland, OH	May 7, 2001	May 17, 2001	Mar 31, 2003
Buckley Powder Company Englewood, CO	Jun 11, 2001	Jun 21, 2001	Mar 31, 2003
Buckley Powder Company of Oklahoma, Inc., Mill Creek, OK	Jun 11, 2001	Jun 21, 2001	Mar 31, 2003
Dyna-Blast, Inc. Nortonville, KY	Jun 11, 2001	Jun 18, 2001	Mar 31, 2003
ETI Export, Inc. Spring City, PA (Former grantee: ETI Explosives Technologies Inc.)	Aug 31, 2001	Sep 27, 2001	Mar 31, 2003
ETI Canada Inc. Spring City, PA (Former grantee: ETI Explosives Technologies Inc.)	Aug 31, 2001	Sep 27, 2001	Mar 31, 2003

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Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Golden State Explosives, Plymouth, CA	Jun 18, 2001	Jun 28, 2001	Mar 31, 2003
Maurer & Scott, Inc. Lehigh Valley, PA	May 18, 2001	Jun 18, 2001	Mar 31, 2003
Mine Equipment & Mill Supply Company Nortonville, KY	Jun 11, 2001	Jun 18, 2001	Mar 31, 2003
Mining Services International, Corporation, Sandy, UT	Jun 10, 2001	Jul 13, 2001	Mar 31, 2003
Minnesota Explosives Company, Biwabik, MN	May 16, 2001	Jun 18, 2001	Mar 31, 2003
Nelson Brothers, Inc. Birmingham, AL	Jul 5, 2001	Jul 31, 2001	Mar 31, 2003
Nelson Brothers, LLC Birmingham, AL	Jul 5, 2001	Jul 31, 2001	Mar 31, 2003
Nelson Brothers Mining Services, LLC Gillette, WY	Jul 5, 2001	Jul 31, 2001	Mar 31, 2003
NorWest Explosives Tacoma, WA	May 29, 2001	Jun 18, 2001	Mar 31, 2003
Orica/Nelson Quarry Services, Inc. Birmingham, AL	Jul 5, 2001	Jul 31, 2001	Mar 31, 2003
Orica USA Inc. (Formerly: Energetic Solutions Inc.,) Englewood, CO	May 31, 2001	Jun 18, 2001	Mar 31, 2003
R&R Trucking, Inc. Duenweg, MO	Apr 5, 2001	May 17, 2001	Mar 31, 2003
Senex Explosives, Inc., Cuddy, PA	Feb 14, 2001	Apr 5, 2001	Mar 31, 2003



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Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
St. Lawrence Explosives, Inc. Adams Center NY	May 31, 2001	Jun 18, 2001	Mar 31, 2003
Tradestar Corp. West Jordan, UT	Oct 9, 2001	OCT 18 2001	Mar 31, 2003
TransWood Inc. Omaha, NE	Aug 17, 2001	Sep 27, 2001	Mar 31, 2003
Tri-State Motor Transit Co. Joplin, MO	May 17, 2001	May 24, 2001	Mar 31, 2003
Viking Explosives & Supply, Inc. Rosemount, MN	Jul 20, 2001	Jul 31, 2001	Mar 31, 2003
Wampum Hardware Co. New Galilee, PA	Jun 12, 2001	Jun 18, 2001	Mar 31, 2003
Western Explosives Systems Company dba WESCO Salt Lake City, UT	Jun 20, 2001	Jun 28, 2001	Mar 31, 2003
Winchester Building Supply, Co., Inc. Winchester, VA	May 15, 2001	May 24, 2001	Mar 31, 2003

Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety